

ICF TECHNOLOGY
SITE SAFETY PLAN

A. GENERAL INFORMATION

Project Title: <u>Touchstone Properties /</u>	PAN: <u>ILA0154XAA</u>
Location(s): <u>Hackberry, Louisiana</u>	TDD No.: <u>F-6-9001-8</u>
	EPA ID No.: <u>LAD981910706 /</u>
Project Manager: <u>Debra Pandak</u>	Project Dir.: <u>Steve Cowan</u>
Prepared (SSO): <u>Don L. Hudnall</u>	Date Prepared: <u>9/21/90</u>
Approval (RHSO): _____	Date Approved: _____
Approval (CHSO): _____	Date Approved: _____
Scope / Objective of Work: <u>To perform a Listing Site Inspection sampling mission of Touchstone Properties.</u>	

Proposed Date of Field Activities: September 23-28, 1990

Background Information: Complete ☒ Preliminary (no analytical [] data available)

Documentation / Summary:

Overall Chemical Hazard: Serious ☐ Moderate ☒
Low ☒ Unknown ☐

Overall Physical Hazard: Serious ☐ Moderate ☐
Low ☒ Unknown ☐

B. SITE / WASTE CHARACTERISTICS

Waste Type(s):

Liquid ☒ Solid ☐ Sludge ☐ Gas/Vapor ☒

Characteristic(s):

Flammable/ Ignitable ☒ Volatile ☒ Corrosive ☐ Acutely Toxic ☒

Explosive ☐ Reactive ☐ Carcinogen ☐ Radioactive* ☐

Other: _____

Physical Hazards:

Overhead ☐ Confined* ☐ Below Grade ☐ Trip/Fall ☒

Puncture ☐ Burn ☐ Cut ☐ Splash ☒

Noise ☐ Other: Heat Stress precautions will be in place.

* Requires completion of additional form and special approval from the Corporate health / Safety group. Contact RSC or HQ.

90069289



Site History / Description and Unusual Features, & Sampling Plan for detailed description):

Touchstone Properties, an inactive oil field waste disposal site, is located in Hackberry, Cameron Parish, Louisiana, approximately 1,000 feet east of LA Hwy 27 and 2,500 feet west of the Calcasieu Ship Channel. The site consists of two pits. The site is bordered on the north, west and south by an adjacent drainage ditch and Pete Seay Circle Road. Adjacent to the east side of the site is a surface water pond. Touchstone Properties, which leases the property for oil and gas exploration, claims the site is inactive and no longer used for oil field waste disposal. The site is accessible to the public, so the potential exists for midnight dumping. It is not clear who owns the property.

Locations of Chemicals / Wastes:

Any oil field waste would be located in the two on-site pits.

Estimated Volume of Chemicals / Wastes:

The volume of waste can not be evaluated because the dimensions of the pits are not known.

Site Currently in Operation

Yes []

No [X]

C. HAZARD EVALUATION

List Hazards by Task (i.e., drum sampling, drilling, etc.) and number these. (Task numbers are cross-referenced in Section D)

Physical Hazard Evaluation:

Task 1: Drinking Water Well Sampling.

Task 2: Surface Water/Sediment Sampling.

Task 3: Surface Soil Sampling.

Chemical Hazard Evaluation:

COMPOUND	PEL / TWA	ROUTE OF EXPOSURE	ACUTE SYMPTOMS	ODOR THRESHOLD	ODOR DESCRIPTION
Barium	0.5 mg/L	inhalation	upper respiratory	FI	varies
Chromium	1 mg/L	"	nasal/sept irrit		varies
Lead	0.05 mg/L	"	lass, nausea, pale eye		varies
Zinc	1 mg/L	"	conjunctivitis		sharp
Benzene	1 ppm	"	irrit eyes, nose, throat		Aromatic
Chloroform	50 ppm	"	dizziness, headache		sweet
Ethylbenzene	100 ppm	"	irrit eyes, nose, throat		Aromatic
Toluene	400 ppm	"	fatigue, weakness		Aromatic
Xylenes	100 ppm	"	dizziness, excitement		Aromatic
Naphthalenes	10 ppm	"	eye irrit, headache		mothballs

NOTE: Complete and attach a Hazard Evaluation Sheet for major known contaminant.

D. SITE SAFETY WORK PLAN

Site Control: Attach map or sketch of site showing hot zone, contamination reduction zone, etc.

Perimeter identified? [XX]
Work areas designated? []

Site secured? [XX]
Zone(s) of contamination identified? [XX]

Personal Protection (TLD badges required for all field personnel):

Anticipated Level of Protection (Cross-reference task numbers to Section C):

	A	B	C	D
Task 1				XXX
Task 2				XXX
Task 3		-	XXX	XXX
Task 4				

(Expand if necessary)

Modifications: Task 2 (Surface Water/Sediment Sampling) will include splash protection.

Action Levels for Evacuation of Work Zone Pending Reassessment of Conditions:

- Level D: Organic vapors above background levels (HNu 10.2 probe)
RAM-4 > 0.1 mR/hr.
- Level C: Unknown organic vapors (in breathing zone) > 5 ppm,
RAM-4 . 0.1 mR/hr.

Level B and Level A will not be used during this sampling mission. If level B is necessary, the FIT will return to Dallas to gather appropriate gear.

Air Monitoring (daily calibration unless otherwise noted)

Contaminant of Interest	Type of Sample	Monitoring	Frequency
Barium, Chromium, Lead, Zinc.	area	PDM-3	continuous
Benzene, Chloroform, Ethylbenzene,	personal	HNu 10.2 probe	continuous
Toluene, Xylenes, Napthalenes.	personal	HNu 10.2 probe	continuous

(Expand if necessary)

Personnel Decontamination Protocol:

The FIT will enter the Contamination Reduction Zone (CRZ), pass through a trisodium phosphate (TSP)/Detergent solution, through a tap water rinse and through a final rinse. PPE will then be removed and disposed of appropriately. A Hand/Eye wash will be available. A decon personnel will be in the CRZ to assist the FIT in the decon procedures. Once the procedures are complete, the personnel may enter the Support Area.

Decontamination Solution Monitoring Procedures, if applicable: HNu (10.2 probe) will be used to monitor the decon solution.

Special Site Equipment, Facilities, or Procedures (Sanitary Facilities and Lighting Must Meet 29 CFR 1910.120):

Sanitary facilities will be located once on-site. FIT will work only during daylight hours to comply with lighting requirements.

Site Entry Procedures and Special Considerations: FIT will characterize the site using the monitoring instruments prior to on-site work. If action levels are within required standards, the FIT will begin work.

Work Limitations (time of day, weather conditions, etc.) and Heat / Cold Stress Requirements:

Work will proceed only during the daylight hours. Heat Stress symptoms will be closely monitored.

Frequent breaks will be taken to avoid heat exhaustion.

General Spill Control, if applicable: N/A

Investigation-Derived Material Disposal (i.e., expendables, decon waste, cuttings):

PPE will be decontaminated, double-bagged and disposed in a RCRA D landfill. Decon water may be drummed and left on-site for later disposal.

IDW will be handled according to the IDW SOP.

Sample Handling Procedures including Protective Wear:

Surgies and splash protection will be worn by personnel preserving water samples.

Team Member**

Steve Cowan
Don Hudnall
Kevin Javnes
Warren Mitchell
Nancy Roberts
Robert Taaffe
Trudy Tannen

Responsibility

Team Leader
Site Safety Officer

** All entries into exclusion zone require Buddy System use. All E & E field staff participate in a medical monitoring program and have completed applicable training per 29 CFR 1910.120. Respiratory protection program meets requirements of 29 CFR 1910.134, and ANSI Z88.2 (1980).

E. EMERGENCY INFORMATION

(Use supplemental sheets, if necessary)

LOCAL RESOURCES

Ambulance:	Ambulance Service of West Calcasieu Cameron	318/527-8322
Hospital Emergency Room:	West Calcasieu Cameron	318/527-7034
Poison Control Center:	Galveston County Regional	409/761-1420
Police (local/county/state):	Cameron Parish	318/433-3431
Fire Department:	Hackberry Fire Department	318/762-4777
Airport:	Lake Charles Municipal Airport	318/477-6051
Agency Contact (EPA/State)		
Local Laboratory:		
Federal Express:	1-800-238-5355	
Client/EPA Contact:		
Site Contact:		

SITE RESOURCES

Site Emergency Evacuation Alarm Method:	Warnings will be announced through walkie talkies, car horns or shouting.
Water Supply Source:	Potable will be brought on-site by the FIT.
Telephone Location & Number:	
Cellular Phone, if available:	
Radio:	EPA dedicated radios will be used to keep in touch with downrange teams.
Other:	

EMERGENCY CONTACTS

(E & E)

1. Dr. Raymond Harbison (Univ. of Florida).....501/221-0465 or 904/462-3277.3281
Alachua, Florida.....501/370-8263 (24 hours)
2. Ecology and Environment, Inc., Safety Director
Paul Jonmaire716/684-8060 (office)
E & Es Safety Officer214/742-6601 (office)
3. FITOM214/742-6601 (office)
K.H. Malone, Jr.214/867-8073 (home)

TATOM214/742-6601 (office)
Kishor Fruitwala817/274-8073 (home)

AFITOM214/742-6601 (office)
John R. Totin214/424-3791 (home)

MEDTOX HOTLINE

1. Twenty-four hour answering service: 501/370-8263

What to report:

State: "This is an emergency."

- Your name, region and site.
- Telephone number to reach you.
- Your location.
- Name of person injured or exposed.
- Nature of emergency.
- Action time.

2. A toxicologist (Dr. Raymond Harbison or associate) will contact you. Repeat the information given to the answering service.

3. If a toxicologist does not return your call within 15 minutes, call the following persons, in order, until contact is made:

A.	24 hour hotline			716/684-8940
B.	Corporate Safety Director	Paul Jonmaire	(home phone)	716/655-1260
C.	Assistant Corporate Safety Officer	Steven Sherman	(home phone)	716/688-0084

EMERGENCY ROUTES

(NOTE: Field Team Must Know Route(s) Prior to Start of Work)

Directions to hospital (include map):

Take Highway 27 into Sulphur, LA. When you get to Calcasieu Marine Park, take a left. You will come to Y in the road. Stay to the right.
You will run into Cypress Street. The hospital will be two streets down, next to Georgio's Shopping Mall.

Emergency Egress Routes to Get Off-Site: Will be determined upon arrival at the site.

SITE SAFETY PLAN ATTACHMENT

1. **If a person exposed to hazardous material via:**
Skin: Compound-specific. See attached HED.
Inhalation: Compound specific. See attached HED.
Ingestion: Compound specific. See attached HED.
2. **If person injured:**
Remove victim from dangerous area and administer first aid. Transport victim to hospital if necessary. Notify Dallas office at (214) 744-1641, and Jerry Joy at (412) 788-9200 or at his beeper number.
3. **If potential or actual fire or explosion:**
Evacuate the endangered area. Administer first aid and seek medical attention, if necessary. Notify local emergency response personnel. Contact the Dallas office at (214) 744-1641, and Jerry Joy at (412) 788-9200 or at his beeper number.
4. **If radiation exposure:**
Evacuate site. Take victim to hospital. Notify the Dallas office at (214) 744-1641, and Jerry Joy at (412) 788-9200 or at his beeper number.
5. **If contaminant spreads beyond site:**
Evacuate site. Administer first aid and seek medical attention if necessary. Notify local emergency response personnel. Contact the Dallas office at (214) 744-1641, and Jerry Joy at (412) 788-9200 or at his beeper number.
6. **Procedures for inclement weather:**
Wait for weather to clear.

Regional Health and Safety Manager: Don L. Hudnall (214) 744-1641
 (817) 460-3363

Project Manager: Debra Pandak (214) 744-1641

Corporate Health and Safety Officer: Jerry Joy (412) 788-9200
 — or —

1. 1-800-443-7243
2. Enter 062438 (IC Code)
3. At the tone, enter phone number to be called; press # (pound).
4. At the tone, press # (pound) again and hang up.
5. Wait for Jerry to call back.

ICF TECHNOLOGY, INC.

SITE SAFETY ATTACHMENT

ACCIDENTS IN THE FIELD

If you have an automobile accident while on the job, you need to know the following:

1. ICF INSURANCE CARRIER -
Johnson & Higgins, Washington, D.C.
2. INSURANCE CARRIER CONTACT -
Mr. Sal Perrucci (202) 775-1900
3. ICF LEGAL / INSURANCE CONTACT -
 - A. Joseph Balac (703) 934-3350 (Primary Contact)
 - B. Philip Kessack (703) 934-3964 (Secondary Contact if Joseph Balac is unavailable)

If you are injured on the job, you are covered by Texas Worker's Compensation. Do **NOT** use your Blue Cross/Blue Shield; instead, provide the following information for treatment:

1. WORKER'S COMP CARRIER AND IDENTIFICATION NUMBER -
AIAC, Policy No. WC 1907869
2. ICF WORKER'S COMP CONTACT -
Sheryl Summa (703) 934-3587

Several important reminders:

1. Call Insurance and ICF contacts (including Dallas office) ASAP.
2. Do not make any statements concerning liability or fault.
3. As soon as you can, re-think the events of the accident on paper e.g., when, where, how, why, witnesses, damages, injuries, license numbers (for auto accidents), etc.